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TITLE : ERASABLE INK COMPOSITION

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a composition excellent in erasability and fixation by blending a colorant, a film-forming resin and a release agent.

SOLUTION: An ink composition is obtained by blending 1-40 wt.% of a colorant selected from inorganic pigments, organic pigments and colored resin balls with an average particle diameter of 0.5-10  $\mu\text{m}$ , 0.1-5 wt.% of a film-forming resin and 0.1-5 wt.% of a release agent in a weight ratio of the film-forming resin/the release agent of 1/(1-40). Furthermore, 0.05-2 wt.% of a water-soluble polymer such as xanthane gum, 0.01-1 wt.% of a dispersant such as sodium naphthalenesulfonate formalin condensate, 1-30 wt.% of a wetting agent such as ethylene glycol and 60-95 wt.% of water are blended as necessary to control the viscosity to 50-10,000 mPa.s. The film-forming resin includes ethylene oxide, polyvinylpyrrolidone and dextrine, etc. The release agent includes polyethylene glycol, a fatty acid ester of polyoxyethylene, etc.

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